1/12

SEQUENCE LISTING

<110> National Agricultural Research Organization

<120> Nucleic acids encoding mirafiori lettuce viral proteins and utilization thereof.

<130> ARO-A0202P

<150> JP 2002-209805

<151> 2002-07-18

<160> 6

<170> PatentIn Ver. 2.1

⟨210⟩ 1

<211> 1514

<212> DNA

<213> mirafiori lettuce virus

<220>

<221> CDS

<222> (87).. (1400)

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att	cag	tct	atc	ttg	caa	aaa	gat	gtg	act	·tcc	gaa	gga	gaa	aca	gct	161
Ile	Gln	Ser	Ile	Leu	Gln	Lys	Asp	Val	Thr	Ser	Glu	Gly	G1u	Thr	Ala	
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Tyr	Lys	Asp	Ser	Ala	Glu	His	Asn	Phe	Ile	Phe	Asp	Val	Lys	Val	Leu	
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Ser Pro Asp Phe Ile Asp Ser Lys Leu Leu Val Asn Asn Ile Glu Thr

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Arg	Glu	Thr	Ile	Phe	Arg	Glu	Lys	Asp	Leu	Lys	Ala	Asn	Glu	Leu	Cys	
	235					240					245					
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290

295

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G1n	Val	Lys	Met	His	Pro	Leu	Ser	Pro	Glu	Arg	Ser	Ser	Arg	Lys	Asn	
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Phe	Thr	Leu	Gln	Leu	Thr	Ser	Ala	Ile	Val	Thr	Ser	Leu	Ser	Tyr	Lys	
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395 400 405

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<212> PRT

<213> mirafiori lettuce virus

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Ile	Leu	Asp	Ala	İle	Leu	Tyr	Ser	Thr	Tyr	Lys	Asp	Ser	Ala	Glu	His
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Asn	Phe	Ile	Phe	Asp	Val	Lys	Val	Leu	Ser	Pro	Asp	Phe	Ile	Asp	Ser
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Phe	Gly	Arg	Leu	Asn	Ala	Leu	Gly	G1n	Pro	Thr	Phe	Pro	Val	Leu	Thr
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<212> PRT

<213> mirafiori lettuce virus

<400> 3

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<210> 4

⟨211⟩ 6

<212> PRT

<213> mirafiori lettuce virus

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<223> Description of Artificial Sequence:an artificially
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⟨222⟩ (6)

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